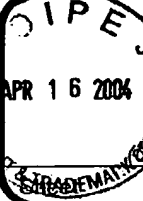


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	Substitute for form 1449B/PTO		Complete if Known	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/642,968
	Date Submitted: April 16, 2004		Filing Date	08/19/2003
	(Use as many sheets as necessary)		First Named Inventor	Masahiro IWADARE
	1 of 1		Group Art Unit	Unassigned
			Examiner Name	Unassigned
			Attorney Docket Number	069974-0140

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CU	A1	5,109,417		Fielder et al.	04-28-1992	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁰
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NON PATENT LITERATURE DOCUMENTS			
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 19, 2003 <i>(use as many sheets as necessary)</i>				Application Number	Unassigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Masahiro IWADARE
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	069974-0140

U.S. PATENT DOCUMENTS						
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FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CU	A1	DE	3506912	A1	TELEFUNKEN FERNSEH & RUNDfunk (TELE); THOMSON CONSUMER ELECTRONICS INC. (THOH)	08/1986		
CU	A2	DE	3621513	A1	TELEFUNKEN FERNSEH & RUNDfunk (TELE)	01/1988		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
CU	A3	Henrique S. Malvar, "Lapped Transforms for Efficient Transform/Subband Coding", IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 38, No. 6 (June 1990) pp. 969-978		
CU	A4	Madhally J. Narasimha and Allen M. Peterson, "On the Computation of the Discrete Cosine Transform", IEEE Transactions On Communications, Vol. Com-26, No. 6 (June 1978) pp. 934-936		
CU	A5	Thomas Duncan Lookabaugh, "Variable Rate and Adaptive Frequency Domain Vector Quantization of Speech" A Dissertation Submitted To The Department of Electrical Engineering and the Committee on Graduate Studies of Stanford University (June 1988)		
CU	A6	J.P. Princen, A.W. Johnson and A.B. Bradley, "Subband/Transform Coding Using Filter Bank Designs Based on Time Domain Aliasing Cancellation", IEEE (1987) pp. 2161-2164		

Examiner Signature	WGO	Date Considered	7/01/2004
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